Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**For the problems that you know how to solve, solve them using algebra. For the problems that you are unsure of, solve using SUBSTITUTION. Show all your work.**

1. Which value of p is the solution of 5p – 1 = 2p + 20?

(1)  (3) 3

(2)  (4) 7

2. Which value of x is in the solution set of the inequality – 4x + 2 > 10?

(1) –2 (3) 3

(2) 2 (4) –4

3. Which value of x is the solution of ?

(1)  (3) 3

(2)  (4) 7

4. Which ordered pair is in the solution set of the system of equations y = –x + 1 and y = x2+ 5x + 6?

(1) (–5,–1) (2) (–5,6)

(3) (5,–4) (4) (5,2)